



The

GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
October 2017 <http://www.gars.org/> Volume 26, Issue 10



October GARS Speaker: Hal Kennedy, N4GG



Topic: Antenna Facts, Myths and Tips

Message from the President

I'll complete another orbit around the sun this month. I'm told that wisdom is what you get right after that OH SHOOT experience. If so, I should be a wise man by now. I started wising up in high school while working in a TV repair shop. My job was to put the TV on the bench and pull the back off of it. Occasionally, Woody (my mentor) would tell me to unplug the wire going into the picture tube. As you reach for it, OH SHOOT, it hisses and zaps you with high voltage that had not drained off. You know it's coming and there is no way to get away from it! ZAP. I got wise to the proper tool for that job in a hurry.

During and after college, I was QRT (off the air) for about 12 years. A local guy was selling his HW-101 and my XYL said go for it. I wised up to the fact that I couldn't work what I was hearing with a 10-meter ground plane antenna. I found a used Mosley 3 band Quad and had it sitting on the ground beside the tower when we had a big ice storm. You may have heard that Quads and ice storms don't mix. It is true! OH SHOOT, a pine tree fell on it before it was ever off the ground. Wisely I had purchased homeowners from a fellow ham and was able to rebuild the antenna and buy a rotor with the insurance proceeds.

Most recently my OH SHOOT moments have been from ID Ten T errors (ID10T). Was ready to send the radio out for repair because it had no output on SSB. OH SHOOT, the mic gain is all the way counter-clockwise, set it to 11 o'clock and problem solved. Or OH SHOOT the windows update just rearranged all of my logging and computer ports and I hadn't documented what went where! OH SHOOT where are the manuals?

If you are new to ham radio or just getting back into the hobby, I invite you to benefit from the OH SHOOT moments all of us OLD FARTS have had. On Tuesday the week after the meeting, Dave, W4DTR hosts a mentoring workshop in the EAA 690 Hangar. Last month we talked about what should one buy for a first radio. Then we had an open Q&A session.

This month Dave is planning to have a presentation on how to program that new radio. If you have an OH



"Mark your calendar. The GARS holiday party will be early this year. December 1 at the hangar. Watch for more details as the date gets closer."

SHOOT question or problem that doesn't lend itself to the e-mail reflector format, the monthly mentoring meeting is the place to come talk about it. If you have had a lifetime of OH SHOOT moments, come and share the wisdom; you'll enjoy it too!

Don't forget to go to the website and find the Stone Mountain Hamfest sign-up sheet. Volunteers are needed for Thursday and Friday afternoon as well as the days of the actual Hamfest. Not hard work, especially when there are lots of hands.

And then there is HamJam. Change of Venue this year. It will be November 11 at Mill Springs Academy. Three great speakers and you'll never have a

better chance to win a Flex 6300 or ICOM 7300. If you can't go, be sure to buy a raffle ticket anyway; you don't have to be present to win this year. www.hamjam.info for all of the details.

Our speaker this month is Hal Kennedy, N4GG. Hal has a talent for designing and building antennae especially wire antennae. His N4GG array has been featured in QST and he has written for the ARRL Handbook. You don't want to miss his talk as he debunks some of the myths about antennae.

Mark your calendar. The GARS holiday party will be early this year. December 1 at the hangar. Watch for more details as the date gets closer.

Remember, food and fellowship before the meeting at the Flying Machine or at the Five Spot.

73, *Mike Weathers*, ND4V

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."

[Author Unknown]

GARS October Meeting

Antenna Facts, Myths & Tips By Hal Kennedy, N4GG

Tuesday, October 10, 2017 7:00 pm

**Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045**

[Directions to EAA Hangar](#)

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GARS Communications

2 Meter Repeaters

147.075(+) MHz Tone 82.5
147.255(+) MHz Tone 107.2

1.25 Meter Repeater

224.580(-) MHz
Tone 100.0,
1.6 MHz Offset



70 Cm Repeaters

444.525(+) MHz Tone 82.5
442.100(+) MHz Tone 100
442.325(+) MHz Tone 100

6 Meter Repeater

53.110 (-1 MHz) No Tone
(Offline for Maintenance)

Other Resources:

APRS
144.390 -- 1200 Baud
W4GR

D-Star WD4STR

145.060 + (1.4 MHz)
440.550 + (5 MHz)

**Don't forget
to support our
advertisers at the
back of the
GARzette.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and The *GARzette*.

The *GARzette* is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>
Newsletter Editor: editor@gars.org Bill Eggers—WB2RIS 470-238-9603



Member QRZ Pages

For a few months we will be featuring the QRZ page of various members of GARS.

This month we are featuring the QRZ page of :

N4LNE - Philip McCleary

When you click on the link below you will find this picture.

<http://qrz.com/lookup/N4LNE>

Read the notes and get to know him better. You'll be glad you did.

Here is an excerpt from the page:

I am a retired Public Safety Dispatcher E911 from the Central Florida area and also worked for Wilson County EMA in Lebanon TN. I am a member of **Gwinnett Amateur Radio Society** in Georgia and I am currently active on VHF, UHF and HF using phone and digital modes. I am most active on JT-65 and the new FT8.

I am a VE with Western Carolina Amateur Radio Society/VEC, Inc. I host the 72Chew net from 11 to 12 every Friday on 7.272 MHz drop in and have a chat with me and view the 72Chew website at <http://www.72chew.net>

Watch for another featured GARS member QRZ page in next month's GARzette!



News, Press Releases, & General Interest

 **STONE MOUNTAIN HAMFEST**
and ARRL Georgia State Convention 

NOV. 4 - 5, 2017 **SATURDAY: 8 AM — 4 PM**
The Largest Hamfest in Georgia! **SUNDAY: 8 AM — 2 PM**

The Gwinnett County Fairgrounds
2405 Sargarloaf Parkway, Lawrenceville, Ga 30045

<http://www.stonemountainhamfest.com>

TAILGATE, FLEA MARKET, FORUMS, DOOR PRIZES & RAFFLE!

60th ANNUAL JAMBOREE ON THE AIR (JOTA)

October 21st from 9:00 AM – 3:30 PM at
VFW Post 5255, 368 Grayson Highway,
Lawrenceville, GA 30046



For directions please go to <http://goo.gl/maps/8b4zx>

This a free event that is open to all Cub Scouts, Boy Scouts, Ventures, Sea Scouts, Girl Scouts & the general public. We will be offering a Radio Merit Badge Classes at JOTA. Come learn and have fun at JOTA 2016. JOTA is an annual Scouting event that uses amateur radio to link Scouts around the world, around the nation, and in our own community. Scouts of any age can participate, from Cub Scouts to Boy Scouts, Venturers and Girl Scouts. This is the official JOTA site of the Northeast Georgia Council Amateur Radio Club KK4BSA.

We will be offering two Radio Merit Badge Classes at JOTA. Space will be limited to 30 students. Registration is only required for the Merit Badge Class.

Anyone else is free to just show up.

For Merit Badge Registration go to <http://www.apalacheebsa.org/radio.html>



Source: www.apalachee-bsa.org/attachments/article/3/JOTA-2017.pdf

Adventures in RFI Part II, by Bill WR1TR

The RFI that I fixed is back? I like to think I'm a smart guy, but this baffles me. After finding a solution to the RFI issues last month, I drove for two plus weeks and talked on the radio regularly. Everything was fine. Now, the dreaded RFI is back. Only, this time, adding chokes, replacing the antenna, running the rig on an isolated power source, none of these things made a bit of difference.

There are two ways to approach this. Be ticked off, or accept the challenge. I started ticked off, but eventually accepted the challenge. I guess that makes me bipolar. Whatever my mental state, clearly I have something to learn about RFI.

I really did drive several weeks with no RFI, so the first step in troubleshooting was to ask, what changed? A few days before the noise resurfaced I took the vehicle into a shop for some work. I don't like crawling around on the ground under a jacked up car beating suspension parts with a hammer. I'm getting too old for that, so I let a shop do that kind of stuff.

While the car was on the lift we took a few minutes to check things out—pry, poke, and inspect. I can't prove that we broke anything loose, but no other explanation that I can see fits the timing. Whatever we did or didn't do, the vehicle is now electrically linking itself with my FT-857D. I'm relatively confident that the source of the RFI is drive train oriented. Like many newer vehicles, this one has sensors in the transmission and suspension systems. This particular beast has multiple gear boxes and transfer cases, all with sensors. It also has adjustable air suspension with sensors. Since the RFI only occurs when the vehicle is in motion, I think I can safely assume that one of those is generating noise.

Just as I did the first time, I got on the air and tossed out a request for helpful tips. I listened while I tested and actually heard some of the replies from the club members. My favorite was "ground your muffler." *Really?* That sounded one step short of chrome muffler bearings... until I stopped and thought about it. Then, it made sense. Exhaust generates static, and static is electrical noise.

First thing in the morning is a commitment for me. I would rather miss that part of the day unless I'm camping or doing something outdoors. This time I got up early, and while the concrete and the exhaust pipes were still cool, I crawled under the vehicle with a pile of tools within easy reach for someone twenty years younger and thinner. I scraped and cleaned and drilled, and bonded the exhaust to the chassis. I bonded the skid plates to the chassis. I bonded the transmission to the chassis.

About that time I decided that I had had enough bonding for the day. I washed up and tested. Amazingly, it still made noise. Awful, loud, crashing that always seemed to bury the important words that I needed in order to guess what was being said.

Why does the car that I really like not seem to support ham radio? The answer is that it does support ham radio, just not the radio I tried first. With that in mind, the next step in troubleshooting was to try another radio. I tested an Icom ID-880H. It worked beautifully. Unfortunately, that would not solve my problem. The 880 is off the market and the one I have is needed elsewhere.

Time to try something else. I called the candy store (HRO—Ed.), where without having to put up too much collateral, Mark (KJ4VO) allowed me to install the store demo Yaesu FT-8900 for testing. Install being a loose term meaning connect power and antenna and lay it on the seat. I took it for a drive around Norcross and a funny thing happened, no crashing RFI on receive. Once more, I would never have been able to test if my fellow GARS members hadn't come to my rescue and chatted away while I listened.

What was the solution to my RFI? I did what any good ham would do, and bought a new radio, one that has cross band repeat and some other nice features. Most important, it plays well with my vehicle.

(Continued on page 7)

HamJam 2017

This year's HamJam is scheduled for Saturday, November 11, 2017, 8:00 - 1:00pm, at Mill Springs Academy, 13660 New Providence Road, Alpharetta, GA 30004

NFARL and our sponsors are pleased to be able to present an event to raise funds that will be used to encourage youth to get involved in amateur radio and related STEM technologies. (HamJam is endorsed by GARS —Ed.)

The event is open to all and admission is **FREE** thanks to the generosity of our sponsors ... and your generosity in purchasing raffle tickets. This year, three outstanding speakers will join us and share with us their perspectives on ham radio.

[Ward Silver N0AX](#), author of numerous amateur radio books and articles, including the ARRL Handbook and Ham Radio for Dummies. He was the Dayton Hamvention Amateur of the Year in 2008. Ward will be speaking on "Radiosport – Your Ham Radio Fitness Center."

[Bob Schmieder, KK6EK](#), participated in (and led many) 16 DXpeditions over the years. He led the 2017 Expedition of the Year to VK0EK, Heard Island. Bob will share with us his thoughts on "The Future of DX." Professionally, he is a research physicist, with about 100 publications and four patents.

[Dan Henderson, N1ND](#), and [Daniel Davis](#), a member of the ARRL Foundation Board of Directors rounds out our speakers. Dan Henderson is the Manager of Regulatory Information and Staff Liaison to the ARRL Legislative Action Program. The League is very concerned that we seem to be having difficulty recruiting and retaining new amateurs. Dan and Daniel will be speaking on "Movers and Makers – Reaching the Next Generation of Amateurs."

We are also happy to announce that ARRL CEO [Tom Gallagher, NY2RF](#), will kick off HamJam 2017 with a short address to conference attendees via Skype.

We will have lots of [prizes to raffle](#). Raffle tickets are available for a \$5 donation per ticket or (5 tickets for \$20). Purchase tickets at our ticket sales tables at HamJam until the mid-morning break. All net proceeds from HamJam go for youth education, scholarships, materials, and activities ONLY! For more information see the website www.hamjam.info.

73, *Bill* WB2RIS

(Continued from page 6)

It played well for a week. Then, the crashes were back.

Now is probably a good time to pause and explain that not all of the noise was generated at my end. After the initial panic subsided, I realized that a good bit of the noise was coming from the rig of an operator that was helping me test. This helped me generate a new rule in my list for troubleshooting RFI: Always use a non-affected receiver to verify that the signal you are using to test is clean.

The new radio did solve my problem. The older radio works fine and for now and I'll keep it. This weekend I am heading up into the mountains. I'll take the 857 and work some HF from the camp site. Someday, when I have the time, I'll crawl around under my car and make sure that every drive component and suspension component is bonded. I'll need a couple of boxes of stainless steel hose clamps, another box of screws, and about two hundred feet of braided cable for that job.

Thanks again guys, for your help, and a special thanks to HRO for going out of the way to help.

73, *Bill* WR1TR



Beginner's Corner

Being Weather-wise

Well, we all had “fun” during Hurricane Irma’s visit to Georgia. We hope everyone has recovered well, and that we will be able to weather all future storms.

Here are a few tips, mainly for new hams but a good review for all of us, to follow during severe weather.

1. We all must take care of ourselves first. When we receive word of an impending storm, make certain that all moveable objects outside are secured. This includes external radio antennas. The author partly took down his G5RV antenna so that during the storm’s wind it would not snap. The antenna did not come down to the ground, but was caught up somewhere in a tree. It just sagged by about three feet. It not only survived the storm, but worked flawlessly on an HF emergency net. At least it was less likely to break.
2. Charge up all your batteries for emergency communication. When the power goes out, you will lose internet. When your cell phone battery runs out, it becomes a nice paperweight. Amateur radio may be the only means of communication available. The author has a 35 amp-hour battery which will provide HT communications for several days if used sparingly, and for months on a 5-watt handy-talkie (HT). I always try to keep the HT batteries charged. I also have a spare battery for one of my HTs.
3. Have at least one battery powered broadcast (AM-FM) receiver. It will not only provide news and information, but may be your only source of entertainment during an extended power outage.
4. Have spare antennas handy. In case we do lose an external antenna, the author has several antennas readily available. We can put them up anywhere. There are several magnetic (mag) mount antennas available. They cover HF from 20 meters through the VHF and UHF bands. Forty-meter and eighty-meter dipole antennas are also readily available.
5. Know what emergency frequencies you will use. Most new hams are technicians, and are limited to frequencies above 30 MHz. Keep a list of whatever emergency frequencies your local ARES will use. If you have an HF rig, regardless whether you have a license for HF or not, there are many frequencies used for emergencies that are well worth monitoring. The National Hurricane Center has at least two that they use. Georgia ARES (Amateur Radio Emergency Service) has both voice and digital frequencies. Note: even if you are licensed for HF, DO NOT TRANSMIT on these frequencies unless they are asking for call-ins or you have emergency traffic to pass.
6. Finally, be prepared. Have flashlights or other emergency lighting. Try not to use candles. They could start a fire. Have an alternate method of cooking food like a propane stove or grill. USE OUTDOORS ONLY! Another thing you can do is have foods available that do not need to be heated. Canned beef stew is not appetizing when eaten cold, but it sure beats going hungry!

73 de *David Harden*, KJ4CMY

Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only fifteen primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

| | | |
|----------------|----------------|----------------|
| Norm - WA4ZXV | Kyle - W4KDA | Mitch - N0DIM |
| Ruth - KM4LAO | Hal - W4IGE | Don - KW4AL |
| Ray - N4GYN | Sandy - KJ4DRO | John - WB4QDX |
| Bill - KK4AUA | David - KK4KAF | Kevin - KK4WOG |
| Chuck - KK4TKJ | Mike - KK4KHS | Donna - KM4FMW |

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club.

The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager



**Please Note: The KNOW IT ALL Net
has been cancelled until further notice.**



GARS Membership Page

New GARS Members in September

Mark Brisbay (KJ4CUO)

New Members: 1

**Total Members as of October 1, 2017
285**

**Join GARS members for our
weekly breakfast gathering at
7:30 AM most Saturdays

at**

**Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043**

([Directions](#))

**The following members are
celebrating birthdays
in October:**

HAPPY BIRTHDAY!!
From All of Us at GARS

**Laurence Andrus (KB4LWT)
Sheridan Bailey (N4GYN)
Scott Brown (KD4YDD)
Dale Burns (KI4MZO)
Charles Corriveau (K4YDB)
Ken Edwards (WA4SQM)
Bill Eggers (WB2RIS)
Charles Eiland (WA4RVO)
Paul Farley (K5PJF)
Joshua Garcia-barreto (KM4OMX)
Wilfred Kirk (N4WWK)
Daniel Leahr (N8KCM)
Vaden McDonald (NN4K)
Catherine Perry
Cathy Pierce (K1YMW)
Harold Prosser (KK1B)
Robert (Bob) Pursley (WD4KQQ)
Cynthia Rush (KM4NKZ)
Allison Sullivan (KK4VLR)
Kent Thompson (W4PBX)
Michael Weathers (ND4V)
Glen Wendt (W3WWT)
Russ Willard (KA4UUB)**

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free <http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ



BSA Venture Crew 73 Wants You!

Venture Crew 73 is for you.

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ *Camping*
- ◊ *Hiking*
- ◊ *Horseback Riding*
- ◊ *Shooting Sports*

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

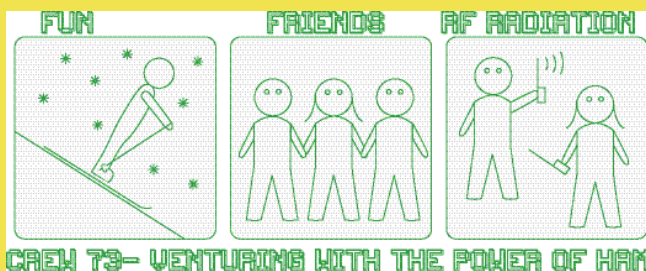
Venture Crew 73 Committee Chairman
Phone: 770-712-9069

E-mail: committeechair@venturecrew73.org

Kevin McClure, KF4HFN

Venture Crew 73 Advisor
Phone: 706 318 2519

Email: advisor@venturecrew73.org




G A R S Officers and Committee Chairs

| | | |
|--|--------|--|
| Mike Weathers President | ND4V | |
| Rick Cobb Vice President | N4XY | |
| Leland Ford Secretary | K9SDR | |
| Sid Weaver Treasurer | N4NQ | |
| Paul Kelley Program Manager | W4KLY | |
| Karen Albritton Membership Chair | K14HPP | |
| Dave Bruse VE Team Leader | W4DTR | |
| David Adcock Webmaster and Field Day Chair | KA4KKF | |
| Dorothy Jubon Public Information Officer | N2DLJ | |
| Ralph Pickwick Apparel Manager and Education Chair | KJ4CNC | |
| Neal Gilchrist TechFest Chair | W4HNG | |
| Bill Eggers GARzette Editor | WB2RIS | |
| Bill Cherepy W4GR Trustee | WB4WTN | |
| Eddie Foust Repeater Chair | WD4JEM | |
| Mike Weathers WAS-Checker and Historian | ND4V | |
| Chuck McCord Net Manager | KK4TKJ | |
| Mike Swiderski Technical / RFI Advisor | K4HBI | |
| Mitch Matteau Winter Field Day Chair | N0DIM | |
| Pam Meridy GA QSO Party Chair | WB1AKQ | |
| Kyle Albritton Multimedia Chair | W4KDA | |

DIRECTORS

| | | |
|----------------|--------|--|
| Kyle Albritton | W4KDA | |
| David Adcock | KA4KKF | |
| Norm Schklar | WA4ZXV | |

Repeater Status

| | |
|---------|--|
| 6M | currently down |
| 147.075 | Operational in Snellville |
| 147.255 | Operational in Snellville |
| 224.580 | Operational in Grayson  |
| 442.100 | Operational at Goshen Springs |
| 442.325 | Operational in Buford |
| 444.525 | Operational in Snellville |

Link remote receivers being added



L&M Mobility

Robert (Mike) Smith
 5191 La Paloma Dr.
 Lilburn, GA 30047
 Phone (404)-509-3104
Smithrm70@hotmail.com

SERVICE & REPAIR
 Power Chairs • Lift Chairs • Scooters

GARS on Social Media



Join the GARS Yahoo Group:

<http://groups.yahoo.com/neo/groups/gars/info>



Visit GARS on Facebook:

<http://www.facebook.com/groups/315255321681>



Join GARS on YouTube:

<https://www.youtube.com/channel/UCAGLc7omnG0uihWunbcUsFw>



Follow GARS on Twitter:

https://twitter.com/GARS_Hams

President Mike Weathers, ND4V called the meeting to order at 7:01pm.

First time visitors and new members were welcomed. Introductions were given. Attendance: 61

General Business

Sid, N4NQ, gave the treasure's report. Voting took place and the treasure's report was approved.

Dave Bruse, W4DTR, gave the membership report: GARS has 287 members.

Program Chair Paul Kelley, W4KLY, mentioned that our speaker for this evening will be our own Steve Back, WB2OGY. Steve is the Venture Crew 73 Leader and he will be presenting a program on his time at the 2017 Boy Scout Jamboree. Hal Kennedy, N4GG will be here next month with a program on Antenna Facts and Myths. For November, our own Ray Bailey, N4GYN will be presenting a program on digital modes.

Event Recaps & General Updates

President Mike mentioned the Kroger rewards program and encouraged everyone to designate their rewards to GARS. Details are in the July 2017 GARzette. Mike reminded everyone about the Amazon Smiles Program. ARRL membership please go through the club. Donations are accepted.

Upcoming Events

Education Chair, Ralph Pickwick, KJ4CNC reported that a Tech level HamCram is coming up on October 14. You can get your Tech License in a day. Ralph also reported that a new radio club is being established at Archer High School that the club will be supporting.

Steve, WB2OGY reported that a Venture Crew 73 Roundup will be held on September 20 at Archer HS. Also Jamboree on the Air will be held October 21. Operators and helpers are needed.

Norm Schklar, WA4ZXV reported that Maker Faire is coming up on Sunday October 22.

President Mike, ND4V mentioned that the 2017 W4DXCC DX and Contest Convention will be held September 22-23 in Pigeon Forge, TN.

Stone Mountain Hamfest is coming up Nov 4 and 5. Volunteers are needed.

Dave Bruse, W4DTR reported that he will be conducting a new monthly training workshop to be held on the third Tuesday at the EAA hangar. Facility will open at 6:30PM and meeting starts at 7:00PM. It will be an opportunity to get any questions that you might have about amateur radio answered. It will be discussion group style. It will be for three classification of individuals. Those with questions, those that want to learn from what others are asking, and those that want to help answer questions and possibly become Elmers. Come out and learn everything about ham radio.

Program

Venture Crew 73 Leader Steve Back, WB2OGY, presented a slide show program on K2BSA operation at the 2017 Boy Scout Jamboree.

Meeting concluded at 8:14pm.

73, *Leland*, K9SDR, Secretary

ARRL CONTESTING INFO

From ARRL Contest Calendar

> For more information click the links <

October 2017

7-8 [EME - 50 to 1296 MHz](#)

16-20 [School Club Roundup](#)

November 2017

4-5 [EME - 50 to 1296 MHz](#)

4-6 [Nov. Sweepstakes - CW](#)

18-20 [Nov. Sweepstakes - Phone](#)

December 2017

1-3 [160 Meter](#)

9-10 [10 Meter](#)

17 [Rookie Roundup-CW](#)

2018

January 2018

1 [Straight Key Night](#)

6 [Kid's Day](#)

6-7 [RTTY Roundup](#)

17 [January VHF Sweepstakes](#)

February 2018

12-16 [School Club Roundup](#)

17-18 [International DX - CW](#)

March 2018

3-4 [International DX- Phone](#)

April 2018

15 [Rookie Roundup - Phone](#)

June 2018

9-11 [June VHF](#)

16 [Kid's Day](#)

23-24 [Field Day](#)

July 2018

9-11 [IARU HF World Championship](#)

August 2018

4-5 [222 MHz & Up Distance Contest](#)

18-19 [10 GHz and Up - Round 1](#)

19 [Rookie Roundup - RTTY](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

10/21/2017 | [Hamfest Chattanooga 2017](#)

Location: East Ridge, TN

Type: ARRL Convention

Sponsor: Chattanooga Amateur Radio Club

Website: <http://www.hamfestchattanooga.net>

10/21/2017 | [Al Brock Memorial Hamfest and Tailgate](#)

Location: Rome, GA

Type: ARRL Hamfest

Sponsor: Northwest GA Amateur Radio Club

Website: <http://www.w4vo.org>

10/28/2017 | [LaGrange Hamfest](#)

Location: LaGrange, GA

Type: ARRL Hamfest

Sponsor: LaGrange Amateur Radio Club

Website: <http://www.lagrangeradioclub.org>

10/28/2017 | [Jacksonville FREE Hamfest](#)

Location: Jacksonville, FL

Type: ARRL Hamfest

Sponsor: North Florida Amateur Radio Society

Website: <http://nofars.net>

11/04/2017 | [Georgia State Convention](#)

Location: Lawrenceville, GA

Type: ARRL Convention

Sponsor: Alford Memorial Radio Club

Website: <http://stonemountainhamfest.com/>

11/11/2017 | [HamJam 2017](#)

Location: Alpharetta, GA

Type: ARRL Convention

Sponsor: North Fulton Amateur Radio League

Website: <http://hamjam.info/>

For more information:

<http://www.arrl.org/hamfests-and-conventions-calendar>

Note: When searching by division, remember some states adjacent to GA are in different divisions:

Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC

| GARS Events Calendar for 2017 / 2018 | | GARS Recurring Calendar |
|---|--|---|
| Dog Show Fundraisers Tech HamCrams TechFest (www.techfest.info) Winter Field Day Georgia QSO Party North metro area Fox Hunt May Madness Memorial Day Parade ARC/KARC Hamfest Field Day General HamCram JOTA Maker Faire Stone Mt. Hamfest Christmas Party | February and August March 25, October 14 January 20 (2018) January 27 & 28 (2018) April 14 & 15 (2018) April May May 28 (2018) June 2 (2018) June 23 & 24 (2018) July October 21 October 22 Nov 4 & 5 December 1 | <ul style="list-style-type: none"> Monthly club meeting is the <u>2nd Tuesday</u> of the month at 7 pm <u>Every Monday</u> at 7:30 pm: GARS Want, Swap, Sell, and Information Net + 8:30 pm: ARES Training on the GARS 147.075 MHz repeater <u>Every Wednesday</u> at 8:30 pm: GARS Know It All Net on the GARS 147.075 MHz repeater (Cancelled until further notice) <u>Every Saturday</u> at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, 2155 Riverside Parkway Lawrenceville, GA 30043 <u>Second Sunday of the Month</u> at 2:00 pm: GARS Ham Exam Session, Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519 |
| November GARS Meeting “Digital Modes” By Ray Bailey, N4GYN | | |

GARS CALENDAR OF EVENTS FOR OCTOBER 2017

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|---|-------------------------------------|--|--|------------|------------|--|
| 1 | 2 | 3 | 4 Know It All Net cancelled until further notice | 5 | 6 | 7 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive |
| 8 GARS VE Team Testing Session Starts at 2:00 pm Gwinnett Co. Fire Station #24 | 9 7:30 - 8:00 pm GARS 2m Net | 10 5:00 - 6:30 pm Dinner 7:00 - 9:00 pm GARS Meeting | 11 Know It All Net cancelled until further notice | 12 | 13 | 14 Breakfast HamCram at Gwinnett County EOC |
| 15 | 16 7:30 - 8:00 pm GARS 2m Net | 17 | 18 Know It All Net cancelled until further notice | 19 | 20 | 21 Breakfast JOTA at VFW Post 5255 |
| 22 Atlanta Maker Faire | 23 7:30 - 8:00 pm GARS 2m Net | 24 | 25 Know It All Net cancelled until further notice | 26 | 27 | 28 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive |
| 29 | 30 7:30 - 8:00 pm GARS 2m Net | 31 Happy Halloween | November 1 Know It All Net cancelled until further notice | November 2 | November 3 | November 4 Breakfast Stone Mountain HamFest Day 1 |

Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)
VEC: WCARS
Braselton Public Utility Building
4986 Highway 53, Braselton, GA
Roger Gibson, WB4T
(770) 271-4210 or (770) 712-9560
w4rlg@bellsouth.net

First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)
VEC: WCARS
Hall County EOC
470 Crescent Dr. Gainesville, Ga.
Perry Roper, KO4RD
(770) 536-3056

Second Saturday

10:00 AM
Alpharetta North Park, Adult Activities Center
13450 Cogburn Rd, Alpharetta, GA 30004
Ian Kahn, KM4IK
E-mail: km4ik.ian@gmail.com

Second Saturday, ODD Months

VEC: ARRL
8:30 a.m.
GMC Community Ctr
5325 Leon St.
Stone Mountain, GA
Frank Haynes, KV4SP
(678) 467-3712

Second Sunday

VEC: W5YI
2 pm
Fire Station #24
Mall of Georgia Boulevard
Buford, GA 30519
Contact: Dave Bruse, W4DTR
E-mail: exams@gars.org

Third Saturday

VEC: W5YI
2 pm @ Barrow Co. Emerg. Serv. Bldg
66 McElroy Street
Winder, GA 30680
Steve Donellan, N5SMD
(404) 520-0368
E-mail: n5smd@comcast.net

(cont. next column)

Ham Exam Results

September Results

The GARS VE team had a successful exam session on September 10. Four individuals tested and all four passed exams as follows:

- Four new Technician class.

Many thanks to the following VE's who made the session possible:

Bill Cherepy, WB4WTN
Steve Back, WB2OGY
Bill Hawkins, WR1TR
Pam Meridy, WB1AKQ
Sid Weaver, N4NQ (Co-CVE)
Frank Haynes, KV4SP
Dave Bruse, W4DTR (CVE)
Allison Lynch, AB4YL
Dale Lynch, AE8DL

73,

Don Bagby, KK4NJM (Co-CVE)

GARS VE Team Leaders
E-mail: exams@gars.org

GARS VE Website:
http://groups.yahoo.com/group/GARS_VE_Team/

Fourth Tuesday

ARRL VEC
7 pm @ United Way Service Center
6279 Fairburn Rd., Douglasville
Jessie Clower, KB4WFK
(770) 942-6466

Fourth Sunday

2:30 pm Georgia Tech
VanLeer Elec. Building
Rm. W218, 777 Atlantic Dr.
For more information go to
www.w4aql.com and click on "Test Sessions"

Metro Club Meetings

First Tuesday

Kennehoochee ARC
Downtown Marietta
Fire Station #1, Training Room
112 Haynes Street
Marietta, Georgia 30060
Meeting begins at 7:00pm
Talk In 146.880(-)

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30pm
Talk In -146.820(-)

N.E. Georgia ARC
Commerce Public Library
1344 South Broad Street, Commerce
Meeting is at 6:30pm
Talk In - 147.225(+), PL 123.0

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00pm

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Annistown Rd & Spain Rd
Stone Mountain
Dinner at 6:00pm, Meeting at 7:30pm
Talk In - 146.760(-)

Second Saturday

North GA QRP Club
Board Room of The Shepherd Center
2020 Peachtree Rd, NW, Atlanta
at 10:00 AM

Third Tuesday

North Fulton Amateur Radio League
Alpharetta Recreation & Parks Dept
Alpharetta Adult Activity Center
13450 Cogburn Road
Alpharetta, GA 30004
meeting at 7:30pm
Talk In - 145.47(-)

For more information, go to: <http://www.gars.org/>

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Manager:

Mark KJ4VO

David AI4XL

Denise

Josh W4JDH

Jim N1ABM

James KK4WNX

Ken KI4BQS

Ray W4GQQ

Harold KD8DVY

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